

## Message Text

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ORIGIN COME-00

INFO OCT-01 EA-10 ISO-00 OES-05 ACDA-10 CIAE-00 DODE-00

PM-03 INR-07 L-03 NSAE-00 NASA-02 NSC-05 EUR-12 MC-02

/060 R

09

DRAFTED BY:W.S.BUSCH/NESS/NOAA/COMMARCE

APPROVED BY:OES/SCI/SA:RGMORRIS

J.G.VAETH/NESS/NOAA

H.L.APRIL/NOAA

EA/ANP:HLANGE

----- 031447

R 131422Z JUN 75

FM SECSTATE WASHDC

TO AMEMBASSY WELLINGTON

INFO AMCONSUL AUCKLAND

UNCLAS STATE 138424

E.O. 11652: NA

TAGS: TSPA, TPHY

SUBJECT: PROPOSED SCIENTIFIC TESTS SATELLITE RECEPTION SYSTEM

REF: A) STATE 118373, B) WELLINGTON 1528, C) TELECON BUSH-WILKINS,  
5 JUN

1. AS RESULT TELECON REF C, NOAA PREPARED TO PROCEED WITH SUBJECT TESTS. U.S. GROUP COMPRISED FOLLOWING: WILLIAM S. BUSCH, NOAA/NESS SPECIAL PROJECTS OFFICE; DR. KEITH CARVER, PROFESSOR, NEW MEXICO STATE UNIV.; AND WILLIAM COOPER, TECHNICIAN, N.M. ST. UNIV. GROUP ARRIVING AUCKLAND 27 JUNE, TESTS BEGIN SAME DAY, WITH TENTATIVE DEPARTURE 4 JULY. EMBASSY REQUESTED INFORM WILKINS OF NZ METEOROLOGICAL SERVICE, THAT ADDITIONAL EXPERIMENTS (WEFAX) DISCUSSED REF TELECON WILL NOT TAKE PLACE.

2. TO CONDUCT CERTAIN TESTS, AUTHORIZATION IS REQUIRED FOR TRANSMISSION OF RF TEST SIGNALS TO THE SPACECRAFT FROM THE TEST  
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SITE. THE SIGNAL CHARACTERISTICS ARE:

A.) CENTER FREQUENCY: 401.944073 MHZ

B.) BANDWIDTH: 1.5 KHZ

C.) TRANSMITTER PWR: 5.0 WATTS

D.) EFFECTIVE ISOTROPIC RADIATED POWER (EIRP): PLUS 47 DBM

E.) ANTENNA TYPE: PLUS 12 DB DIRECTIONAL HELIX WITH 60 DEGREES  
BEAMWIDTH

F.) DIRECTION OF TRANSMISSION: 78 DEGREES AZ (FROM TRUE NORTH)

G.) MODULATION TYPE: PHASE SHIFT KEYED (PSK)

H.) TIME/PERIOD OF TRANSMISSION: 4 HRS/DAY ON  
JUNE 30, 75 THRU JULY 3, 1975

3. WILKINS INFORMED BUSCH IN REF TELECON THAT HE HAD TENTATIVE  
APPROVAL POSTAL SERVICE FOR ABOVE RF TRANSMISSIONS. EMBASSY IS  
REQUESTED TO CONFIRM THIS APPROVAL.

4. TEST EQUIPMENT AND TOOLS, ALL OF WHICH WILL BE RETURNED TO  
U.S., VALUED AT APPROXIMATELY 40,000 U.S. DOLLARS. WILL IMPORT  
LICENSE AND IMPORT BOND OR SECURITY BOND BE REQUIRED PRIOR TO  
PASSING THROUGH NEW ZEALAND CUSTOMS?  
KISSINGER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SCIENTIFIC COOPERATION, RESEARCH, METEOROLOGY, TECHNICAL ASSISTANCE, SATELLITES, MEETING DELEGATIONS, GOVERNMENT AGENCIES  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 13 JUN 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1975STATE138424  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** W.S.BUSCH/NESS/NOAA/COMMARCE  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Film Number:** D750207-0844  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
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**Legacy Key:** link1975/newtext/t19750652/aaaabuub.tel  
**Line Count:** 89  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ORIGIN COME  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 75 STATE 118373, 75 WELLINGTON 1528, 75 TELECON BUSH-WILKINS  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** greeneet  
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**Review Date:** 24 MAR 2003  
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Margaret P. Grafeld  
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EO Systematic Review  
06 JUL 2006

**Review Media Identifier:**  
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**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** PROPOSED SCIENTIFIC TESTS SATELLITE RECEPTION SYSTEM  
**TAGS:** TSPA, TPHY, NZ, US  
**To:** WELLINGTON  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006